

Wilderness Water Temperatures:

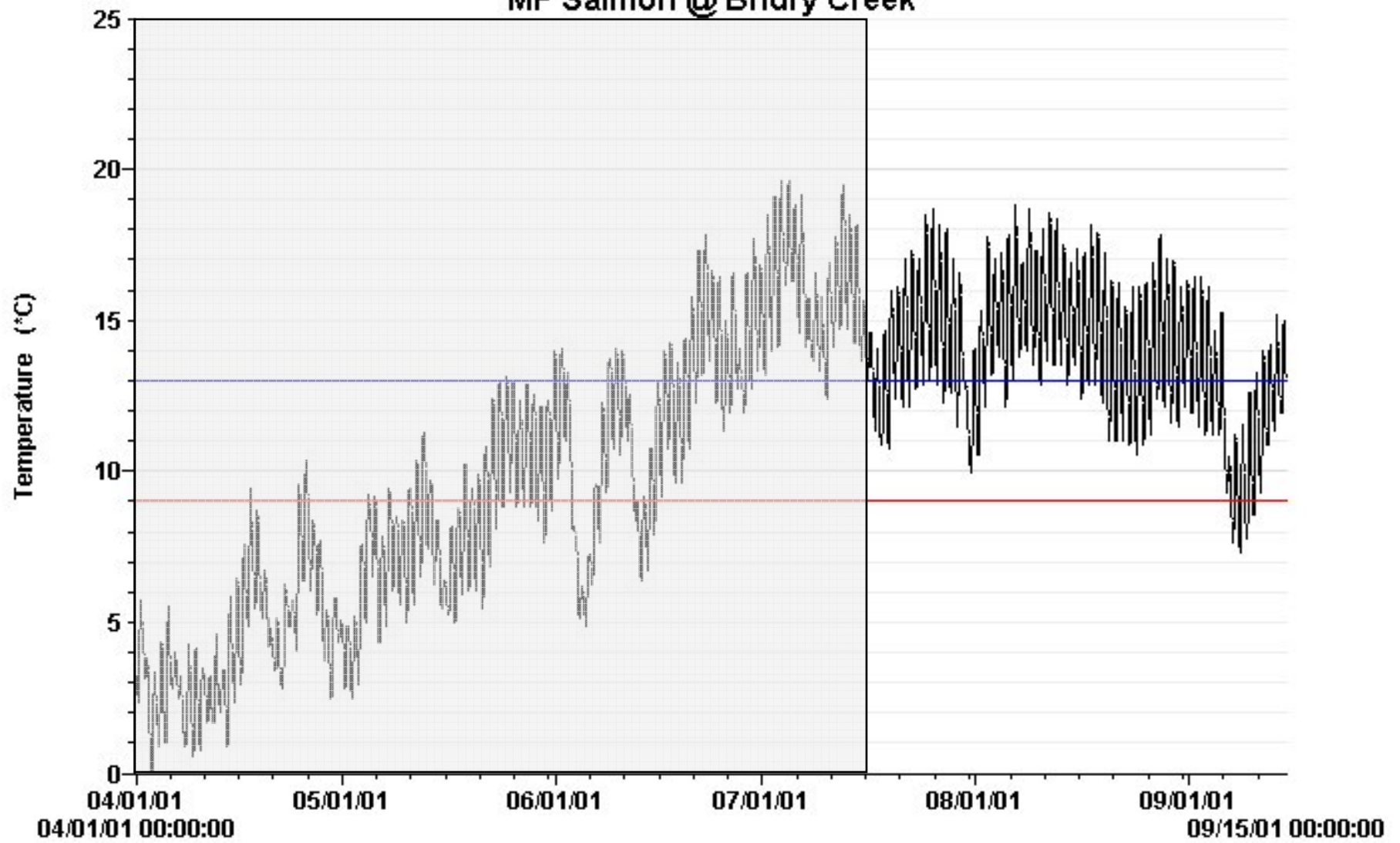
A look at the Selway and Middle Fork Salmon

Don A. Essig - IDEQ

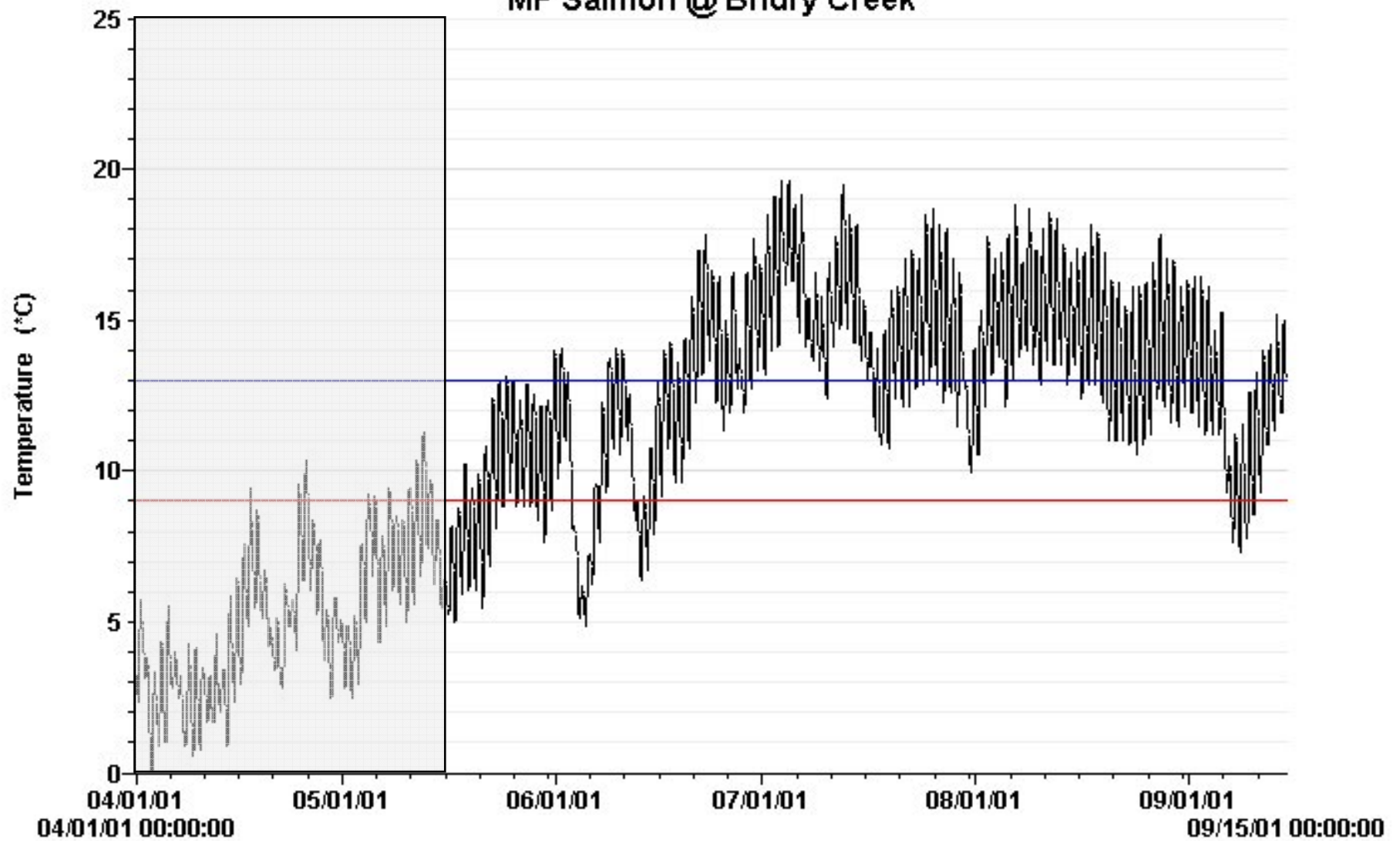
January 10, 2002



MF Salmon @ Bndry Creek



MF Salmon @ Bndry Creek



Concluding Observations

Smaller diurnal range in lower mainstems

- results in lower daily max but higher daily means

Rapid rise in T in mid June - end of snowmelt?

Selway tribs warmer than mainstem

MF Salmon generally cooler than Selway in heat of summer but warmer in spring

MF salmon tribs generally cooler than mainstem

If wilderness streams can not meet criteria the criteria have little meaning

Recommendations

There is a need for more stream specific information on spawning times

Criteria should take into account frequency and duration of temperature extremes, not just magnitude

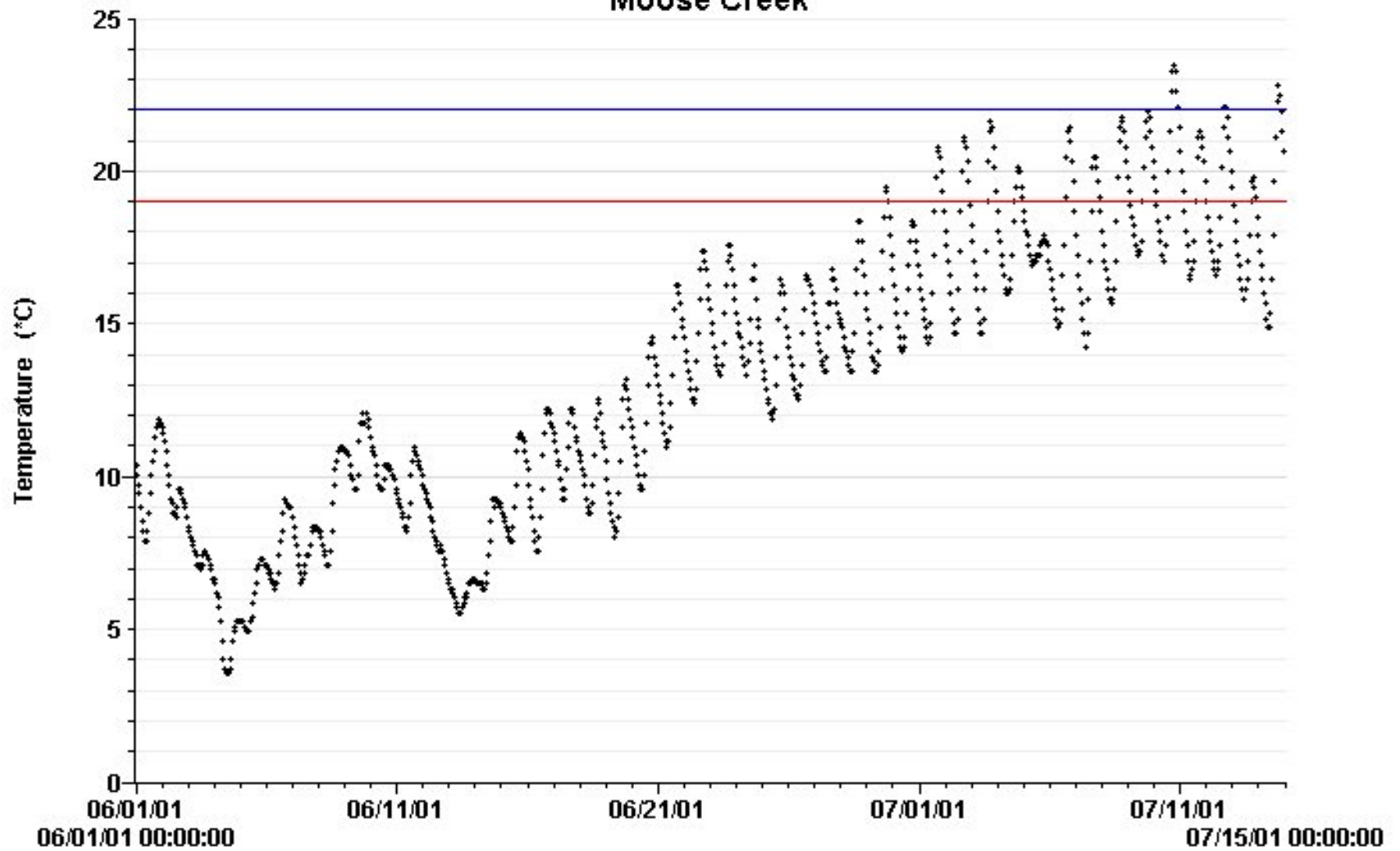
Every time you look at water temperature records look at weather records as well, or water temp will be out of context

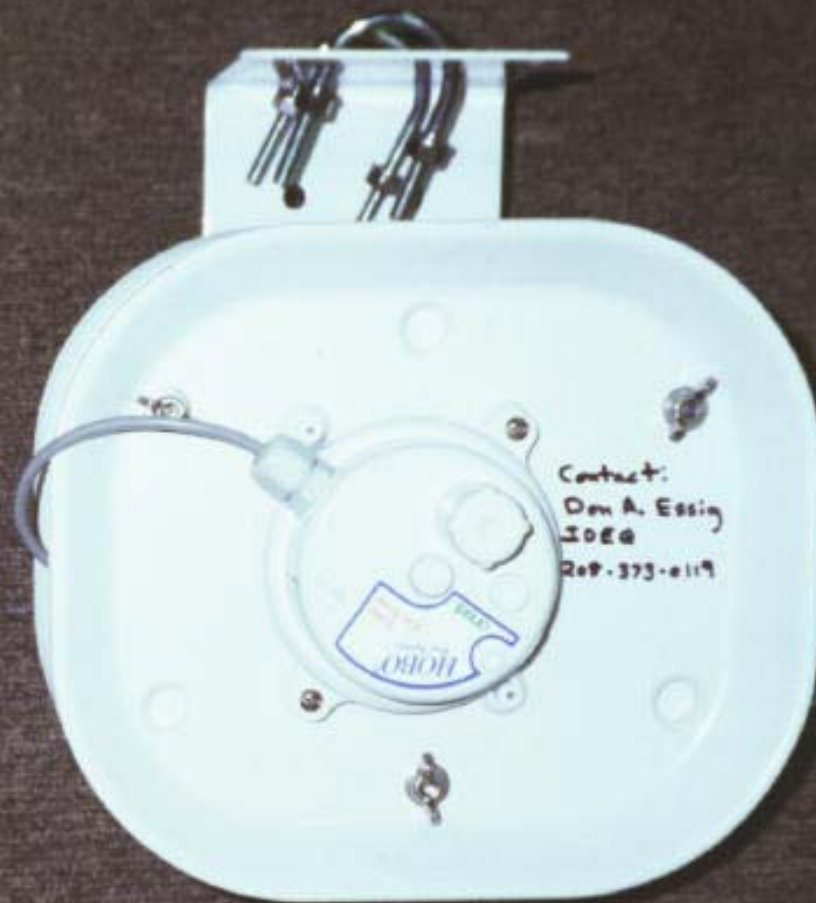


I will
gladly
swap data
CDs

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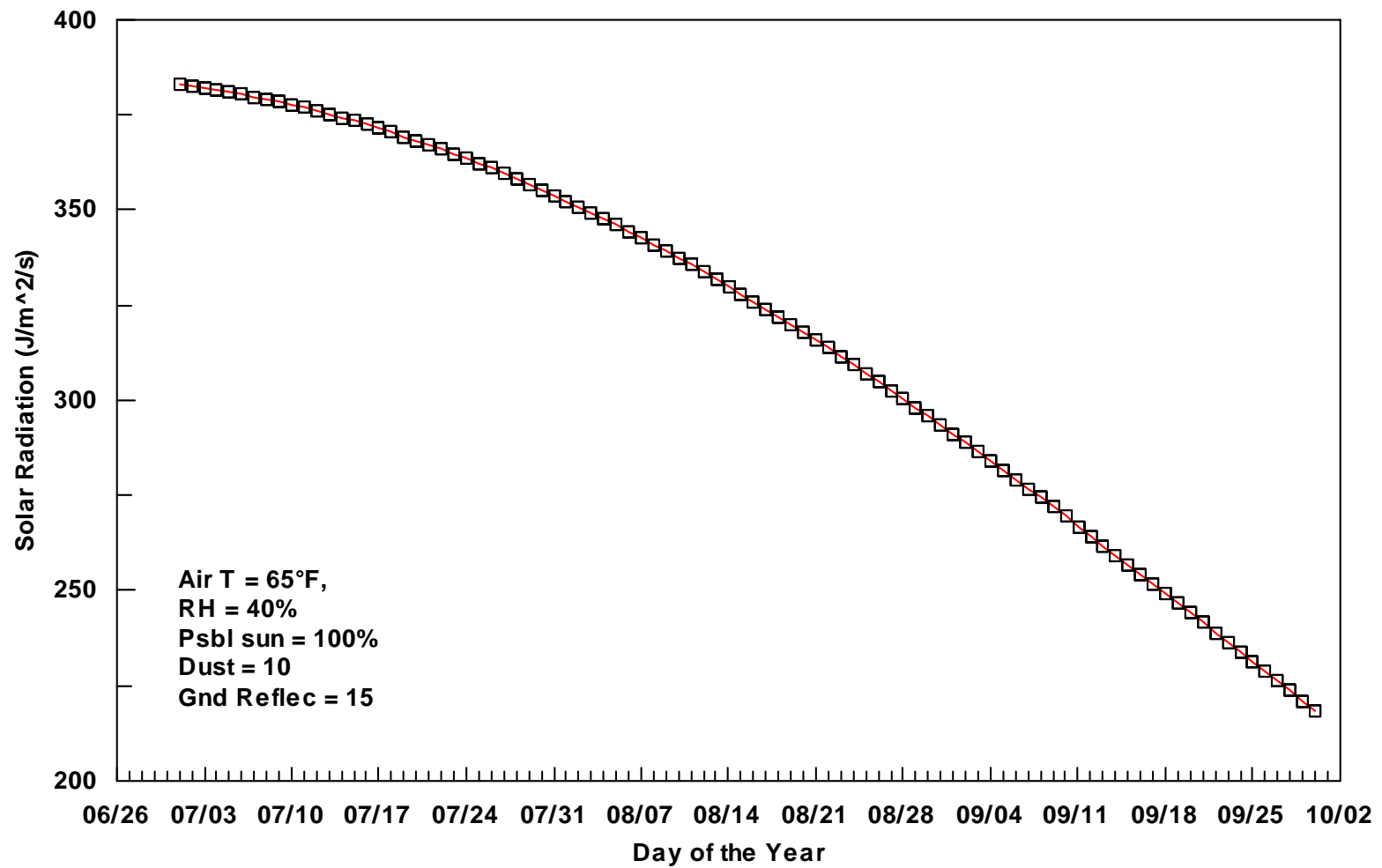
Moose Creek



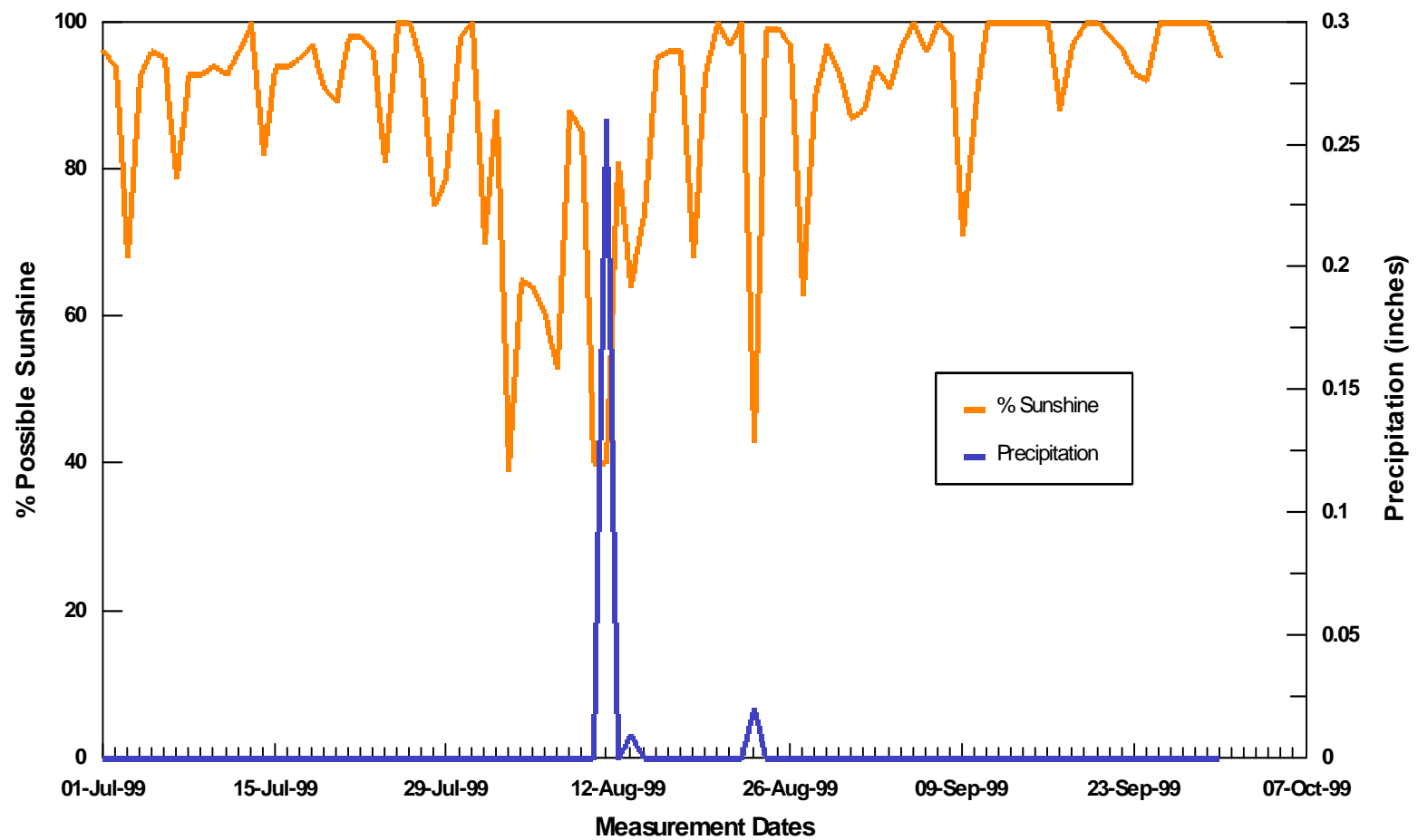


9 28 '00

Mores Creek Clear Sky Solar Radiation



Boise Daily Weather



1999 Daily Weather

